



SHIPYARD INSTALLATION DATA

FUEL CIRCUIT

1. MAX FUEL PUMP RESTRICTION FOR CLEAN SYSTEM: 6 IN HG
2. MAX FUEL SUCTION FOR DIRTY SYSTEM 12.2 IN HG.
3. ALL SHIPYARD SUPPLIED PIPING AND EQUIPMENT MUST BE COMPATABLE WITH #2 DIESEL
4. RECOMMENDED PRIMARY FUEL FILTER MESH TO BE 30 MICRONS. PRIMARY FUEL FILTER TO BE A RACOR 75/1000MAX30 OR APPROVED EQUAL BY WSF.
5. SHIPYARD TO SUPPLY ALL VALVES, FITTINGS, FILTERS, TANK AND PIPING EXTERNAL TO ENGINE EXCEPT AS NOTED ON MECHANICAL DRAWING 8-6176205-G1

GENERAL FUEL SYSTEM NOTES

1. FUEL FLOW RATE (MASS): 690.3 lbm/hr
2. FUEL FLOW RATE (VOLUMETRIC): 98.8 GPH
3. FUEL SPILL RATE (MASS): 524.7 lbm/hr
4. FUEL SPILL RATE (VOLUMETRIC): 71.1 GPH
5. FUEL CONSUMPTION (MASS): 165.6 lbm/hr
6. FUEL CONSUMPTION (VOLUMETRIC): 23.7 GPH
7. MAX FUEL INLET TEMP: 158 F
8. MAX SECONDARY FUEL FILTER SIZE: 8 MICRON
9. ABBREVIATIONS: PPC - PACIFIC POWER PRODUCTS CORPORATION

REV	DATE	CHECKED
11-3-05	RAB	



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DRAWING: FUEL SYSTEM DIAGRAM			
PROJECT: WASHINGTON STATE FERRIES 144 CAR FERRY			
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED			
DESIGNED	RAB	10-13-05	DRAWING NO.
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